

# C2N-FT-TPS4-U

## 3.6" FlipTop™ Touch Screen Control Center, no AC Outlet

The C2N-FT-TPS4-U FlipTop™ Touch Screen Control Center by Crestron® provides an ingenious control and connectivity solution in a stylish flush mount tabletop design. Popping open the "FlipTop" lid exposes a color touch screen, perfectly angled for easy access and intuitive operation. The built-in cable storage compartment keeps interface cables at the ready for plugging in laptop computers, mobile devices, AV sources, and other equipment.

FlipTop Touch Screen Control Centers are ideal for use with AV distribution systems like Crestron DigitalMedia™, allowing the signal transmitters and receivers to be installed out of sight beneath the tabletop, with the user interface cables organized neatly within the cable storage compartment. The integrated touch screen can be used to select sources, adjust the volume, and control display devices among other functions.

### FlipTop Housing

Handsomely finished in black anodized, the C2N-FT-TPS4-U lends a contemporary metallic accent to conference tables and podiums. It mounts flush in virtually any flat, horizontal surface up to 1-15/16 inch (49 mm) thick for a clean, low-profile appearance.

### Integrated Touch Screen

The 3.6" color touch screen provides a fully-customizable user interface for control of AV, lighting, and other functions. Ten backlit pushbuttons are included for quick access to commonly used functions. Custom engraving of the faceplate is available to designate each button.<sup>[1]</sup> To prevent accidental button presses, the touch screen and pushbuttons are automatically disabled whenever the lid is not fully opened.

### Audio Feedback

Customized audio files can be loaded to add another dimension to the touch screen graphics and pushbuttons using personalized sounds, button feedback, and voice prompts.

### Cable Storage Compartment

The C2N-FT-TPS4-U provides easy pull-out storage for Crestron Certified Interface Cables<sup>[2]</sup> and a wide variety of other AV, data, and communication cables. Eight grommets are provided in the bottom of the storage compartment to accommodate either premade or custom cables, allowing each cable to be pulled out smoothly as needed. When not in use, the user end of each cable stows neatly within the storage compartment while excess cable simply drops out-of-sight below the box.

### Cable Retractor Option

For an even more refined cable management solution, the C2N-FT-TPS4-U accommodates up to four Crestron CBLR Series Cable Retractors. Crestron cable retractors feature a patent-pending, lever-actuated retraction mechanism that ensures smooth operation while eliminating hanging cable loops beneath the table.<sup>[3]</sup>

> *Stylish flush-mount FlipTop™ housing*

> *Integrated 3.6" active matrix color touch screen*

> *10 translucent white backlit pushbuttons*

> *Customizable audio feedback*



> *Easy pull-out universal cable management*

> *Optional cable retractors*

> *Ethernet and Cresnet® communications*

> *Black anodized finish*

## SPECIFICATIONS

### Touch Screen Display

Display Type: TFT active matrix color LCD

Size: 3.6 inch (91 mm) diagonal

Aspect Ratio: 4:3 QVGA

Resolution: 320 x 240 pixels

Brightness: 300 nits (cd/m<sup>2</sup>)

Contrast: 300:1

Color Depth: 16-bit, 64k colors

Illumination: Edgelit LED

Viewing Angle: ±80° horizontal, +80°/-50° vertical

Touch Screen: Resistive Membrane

### Buttons

Hardkeys: (10) Translucent white backlit pushbuttons, programmable

Reset: (1) Miniature pushbutton for touch screen hardware reset, accessible through small hole above touch screen display

### Memory

DRAM: 16 MB

Flash: 8 MB

Maximum Project Size: 7 MB

### Graphic Engine

16-bit non-palette graphics; 65,536 colors; Synapse™ image rendering algorithm; PNG translucency, multi-mode objects, dynamic graphics, full-motion (60 fps) animation

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## Communications

**Ethernet:** 10/100 Mbps, auto-switching, auto-negotiating, auto-discovery, full/half duplex, DHCP

**Cresnet®:** Cresnet slave mode

## Audio

**Audio Feedback:** WAV format, 8 bit PCM, mono, 8 kHz sampling rates

**Amplification:** 1 Watt for built-in speaker

## Connectors - Bottom Panel

**LAN:** (1) 8-wire RJ45 with 2 LED indicators;

10Base-T/100Base-TX Ethernet port;

Green LED indicates Ethernet link status;

Yellow LED indicates Ethernet activity

**NET:** (2) 4-pin 3.5mm detachable terminal blocks;

Cresnet slave ports, paralleled;

Connect to Cresnet control network or power supply

**G:** (1) 6-32 screw, chassis ground lug

## Power Requirements

**Cresnet Power Usage:** 5 Watts (0.21 Amp @ 24 Volts DC)

## Environmental

**Temperature:** 41° to 104°F (5° to 40°C)

**Humidity:** 10% to 90% RH (non-condensing)

## Enclosure

**Chassis:** Metal, black

**Cover:** Aluminum, black anodized finish

**Faceplate:** Plastic, black, engravable<sup>[1]</sup>

**Mounting:** Flush tabletop mount, 1-15/16 in (49 mm) maximum surface thickness, 6-1/8 in (155 mm) deep x 7-1/4 in (184 mm) wide cutout (template provided)

## Dimensions

**Height:** 5.76 in (147 mm) with lid closed

**Width:** 7.67 in (195 mm)

**Depth:** 6.55 in (167 mm), 8.09 in (206 mm) with mounting brackets

## Weight

4.05 lb (1.84 kg)

## Available Models

**C2N-FT-TPS4-U-B:** 3.6" FlipTop™ Touch Screen Control Center, no AC Outlet, Black Anodized

## Available Accessories

**FT-TPS4-FP-B:** Engravable Faceplate for FlipTop™ Boxes with 3.6" Touch Screens

**PW-2407RU:** 18 Watt Cresnet® Power Supply, US/International

**CBLR-AUDIO:** Cable Retractor for FlipTop™ Boxes, Audio [Available January, 2013]

**CBLR-CAT5E:** Cable Retractor for FlipTop™ Boxes, CAT5e [Available January, 2013]

**CBLR-HDMI:** Cable Retractor for FlipTop™ Boxes, HDMI® [Available January, 2013]

**CBLR-USB:** Cable Retractor for FlipTop™ Boxes, USB [Available January, 2013]

**CBLR-VGA:** Cable Retractor for FlipTop™ Boxes, VGA [Available January, 2013]

**CBLRA-BRKT-3-FT:** Cable Retractor Mounting Bracket for Small FlipTop™ Boxes [Available January, 2013]

**CBLRA-BRKT-3-H:** Horizontal Mounting Option for CBLRA-BRKT-3-FT [Available January, 2013]

**CBLRA-INSERT-BLANK:** Blank Insert for Cable Retractor Mounting Brackets [Available January, 2013]

**CBLRA-INSERT-2WIRE:** 2-Wire Insert for Cable Retractor Mounting Brackets [Available January, 2013]

**CBL-AUDIO-3:** Crestron® Certified Mini-TRS Stereo Audio Interface Cable, 3 ft

**CBL-AUDIO-6:** Crestron® Certified Mini-TRS Stereo Audio Interface Cable, 6 ft

**CBL-AUDIO-12:** Crestron® Certified Mini-TRS Stereo Audio Interface Cable, 12 ft

**CBL-DVI-3:** Crestron® Certified DVI-D Interface Cable, 3 ft

**CBL-DVI-6:** Crestron® Certified DVI-D Interface Cable, 6 ft

**CBL-DVI-12:** Crestron® Certified DVI-D Interface Cable, 12 ft

**CBL-HD-3:** Crestron® Certified HDMI® Interface Cable, 3 ft

**CBL-HD-6:** Crestron® Certified HDMI® Interface Cable, 6 ft

**CBL-HD-12:** Crestron® Certified HDMI® Interface Cable, 12 ft

**CBL-HD-DVI-3:** Crestron® Certified HDMI® to DVI Interface Cable, 3 ft

**CBL-HD-DVI-6:** Crestron® Certified HDMI® to DVI Interface Cable, 6 ft

**CBL-HD-DVI-12:** Crestron® Certified HDMI® to DVI Interface Cable, 12 ft

**CBL-HD-LOCK-4:** Locking High-Speed HDMI® Cable, 4 ft

**CBL-HD-LOCK-8:** Locking High-Speed HDMI® Cable, 8 ft

**CBL-HD-LOCK-16:** Locking High-Speed HDMI® Cable, 16 ft

**CBL-PRO-XLR-6:** PROCISE® XLR Balanced Audio Interconnect, 6 ft

**CBL-RCA-3:** Crestron® Certified RCA Composite Video and S/PDIF Audio Interface Cable, 3 ft

**CBL-RCA-6:** Crestron® Certified RCA Composite Video and S/PDIF Audio Interface Cable, 6 ft

**CBL-RCA-12:** Crestron® Certified RCA Composite Video and S/PDIF Audio Interface Cable, 12 ft

**CBL-RCA2-3:** Crestron® Certified RCA Stereo Audio Interface Cable, 3 ft

**CBL-RCA2-6:** Crestron® Certified RCA Stereo Audio Interface Cable, 6 ft

**CBL-RCA2-12:** Crestron® Certified RCA Stereo Audio Interface Cable, 12 ft

**CBL-RCA3-3:** Crestron® Certified RCA Component Video Interface Cable, 3 ft

**CBL-RCA3-6:** Crestron® Certified RCA Component Video Interface Cable, 6 ft

**CBL-RCA3-12:** Crestron® Certified RCA Component Video Interface Cable, 12 ft

**CBL-VGA-3:** Crestron® Certified Computer VGA Interface Cable, 3 ft

**CBL-VGA-6:** Crestron® Certified Computer VGA Interface Cable, 6 ft

**CBL-VGA-12:** Crestron® Certified Computer VGA Interface Cable, 12 ft

**CBL-VGA-AUD-3:** Crestron® Certified Computer VGA Interface Cable w/ Audio, 3 ft

**CBL-VGA-AUD-6:** Crestron® Certified Computer VGA Interface Cable w/ Audio, 6 ft

**CBL-VGA-AUD-12:** Crestron® Certified Computer VGA Interface Cable w/ Audio, 12 ft

**CRESNET-NP-BK-B500:** Cresnet® Control Cable, non-plenum, black, 500 ft box

**CRESNET-NP-OR-B500:** Cresnet® Control Cable, non-plenum, orange, 500 ft box

**CRESNET-NP-YL-B500:** Cresnet® Control Cable, non-plenum, yellow, 500 ft box

**CRESNET-NP-TL-B250:** Cresnet® Control Cable, non-plenum, teal, 250 ft box

**CRESNET-NP-TL-B500:** Cresnet® Control Cable, non-plenum, teal, 500 ft box

**CRESNET-NP-TL-SP500:** Cresnet® Control Cable, non-plenum, teal, 500 ft spool

**CRESNET-NP-TL-SP1000:** Cresnet® Control Cable, non-plenum, teal, 1000 ft spool

**CRESNET-P-BK-SP500:** Cresnet® Control Cable, plenum, black, 500 ft spool

**CRESNET-P-OR-SP500:** Cresnet® Control Cable, plenum, orange, 500 ft spool

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grommets cable holes. Cable retractors and related accessories sold separately. See the CBLR spec sheet for more information.

This product may be purchased from an authorized Crestron dealer. To find a dealer, please contact the Crestron sales representative for your area. A list of sales representatives is available online at [www.crestron.com/salesreps](http://www.crestron.com/salesreps) or by calling 800-237-2041.

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The specific patents that cover Crestron products are listed online at: [patents.crestron.com](http://patents.crestron.com).

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